

Middle School Initiative

**PART I
COVER SHEET**

CAP 3 SEMESTER 1 WEEK 13

COURSE: Dr. Robert H. Goddard Aerospace Education, Achievement 7

LESSON TITLE: Living and Working in Space

LENGTH OF LESSON: 50 Minutes

METHOD: Lecture - Performance

REFERENCE(S):

1. *Aerospace Dimensions*, Module 6, Chapter 3, 2000
2. Study Guide, 2000
3. Leader Guide, 2000
4. Resource Guide, 2000

AUDIO/VISUAL AIDS/HANDOUTS/ACTIVITY MATERIAL(S): As Needed

COGNITIVE OBJECTIVE: To learn about living and working in space.

COGNITIVE SAMPLES OF BEHAVIOR: Upon completion of this chapter, the cadet should be able to:

1. Describe *Space Station Alpha*.
2. Explain the differences between *Mir* and *Skylab*.
3. Define *Spacelab*.
4. Recall the significance of *Salyut1*.
5. Describe the living and working conditions in space.
6. Describe the different space suits.

AFFECTIVE OBJECTIVE: N/A

AFFECTIVE SAMPLES OF BEHAVIOR: N/A

Middle School Initiative**PART II
TEACHING PLAN****Introduction**

ATTENTION: Today, you will continue your Aerospace Education studies in *Aerospace Dimensions*, Module 6 with Chapter 3 - Living and Working in Space.

MOTIVATION: Would you like to live and work in space? How would it be different from living and working here on Earth? What would you have to do different? This chapter will answer those questions.

OVERVIEW: During this period, you will continue your aerospace studies with Living and Working in Space.

Body

NOTE: The instructor should use the lesson plan in the Leader Guide, Pages 41-44. The cadets should use the Study Guide, Pages 30-31. A materials list is located in the Resource Guide, Page 55.

Conclusion

SUMMARY: We have studied the material in *Aerospace Dimensions*, Module 6, Chapter 3.

REMOTIVATION: There are many differences in working and living in space from here on Earth. Knowing what they are and how each affects our way of life helps you understand the problems faced by our astronauts.

CLOSURE: Next week, we will continue our AE studies with Module 6 - Quiz. **Any questions? See you next week!**

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**PART III
LESSON REVIEW**

LESSON OBJECTIVE(S): Today, we learned how to:

1. Describe *Space Station Alpha*.
2. Explain the differences between *Mir* and *Skylab*.
3. Define *Spacelab*.
4. Recall the significance of *Salyut1*.
5. Describe the living and working conditions in space.
6. Describe the different space suits.

LESSON QUESTIONS: Contained in *Aerospace Dimensions*, Module 6, Chapter 3.